

The background of the slide is a light gray gradient, decorated with numerous realistic water droplets and bubbles of various sizes. Some are at the top, some at the bottom, and some in the middle, creating a fresh and clean aesthetic.

WATER QUALITY REGULATIONS

FOR GRAPE PRODUCTION IN THE SAN DIEGO REGION

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SAN DIEGO REGION IRRIGATED LANDS GROUP



TWO MAIN PROGRAMS REGULATING WATER QUALITY WHEN GROWING GRAPES:

1. AGRICULTURE WATER QUALITY PROGRAM (MS4 PROGRAM)

COUNTY OF SAN DIEGO: DEPARTMENT OF AGRICULTURE, WEIGHTS AND MEASURES

2. COMMERCIAL AGRICULTURE REGULATORY PROGRAM-"AG ORDER"

SAN DIEGO REGIONAL WATER BOARD

BOTH THESE PROGRAMS APPLY TO GRAPES AS WELL AS MOST OTHER PLANT COMMODITIES, EXCEPT CANNABIS, WHICH HAS ITS OWN REGULATORY PROGRAM.

(THERE IS AN ADDITIONAL STATEWIDE PROGRAM KNOWN AS THE "WINERY ORDINANCE" THAT DEALS WITH THE PRODUCTION WATER USED BY WINERIES, BUT THIS IS FOR POST-HARVEST)

PROGRAM #1: AGRICULTURE WATER QUALITY PROGRAM

COUNTY OF SAN DIEGO AGRICULTURE, WEIGHTS AND MEASURES

- ALSO KNOWN AS THE MS4 PROGRAM, (REFERRING TO MUNICIPAL SEPARATE STORM SEWER SYSTEM). THIS IS NOT SPECIFIC TO GRAPES.
- FOCUS IS ON IRRIGATION AND OTHER OPERATIONAL WATER LEAVING PROPERTY AND ENTERING THE STORM DRAIN SYSTEM AND OTHER WATER BODIES
- THE COUNTY OF SAN DIEGO DEPARTMENT OF AGRICULTURE, WEIGHTS AND MEASURES MANAGES THIS PROGRAM FOR PROPERTIES UNDER COUNTY JURISDICTION
- MUNICIPALITIES MANAGE THEIR OWN MS4 PROGRAMS AND ALSO AG WATER QUALITY WITHIN THEIR JURISDICTIONS
- FOCUS OF THIS PROGRAM HAS BEEN ON BMPS TO MANAGE WATER QUALITY

AGRICULTURE WATER QUALITY PROGRAM. CONT.

- WHAT ARE GROWERS' RESPONSIBILITIES UNDER THIS PROGRAM?
 1. REDUCE/ELIMINATE IRRIGATION WATER OR OTHER OPERATIONAL WATER RUNNING OFF AGRICULTURAL PROPERTY-FOCUS ON SURFACE WATER
 2. ESTABLISH BEST MANAGEMENT PRACTICES ON YOUR PROPERTY THAT CONTAIN, DIVERT, REDUCE OR ELIMINATE RUNOFF FROM YOUR PROPERTY
 3. KEEP RECORDS (PHOTOS AND OTHERS) OF MANAGEMENT PRACTICES IMPLEMENTATION AND UPKEEP
 4. PROVIDE AN ANNUAL REVIEW THAT DESCRIBES YOUR ACTIVITIES AND SUBMIT TO AWQP
 5. PARTICIPATE IN 2 HOURS OF EDUCATION EACH YEAR

WHAT DO INSPECTIONS LOOK LIKE FOR THE AGRICULTURE WATER QUALITY PROGRAM?

- STAFF FROM THE AGRICULTURE WATER QUALITY PROGRAM ARE PART OF THE DEPARTMENT OF AGRICULTURE, WEIGHTS AND MEASURES
- THEY WILL CONDUCT PERIODIC INSPECTIONS, DEPENDING ON THE CROP TYPE, LOCATION IN RELATION TO WATER BODIES, PREVIOUS INSPECTIONS AND RE-INSPECTIONS ETC.
- THEY MAY CONDUCT INSPECTIONS IN RESPONSE TO COMPLAINTS
- LOW IMPACT AGRICULTURAL OPERATIONS MAY NOT BE INSPECTED EVERY YEAR
- GRAPES USE LESS WATER THAN MANY OTHER CROPS SO THE RISKS OF RUNOFF MAY BE LESS, DEPENDING ON THE LOCATION AND SIZE OF THE OPERATION.

PROGRAM #2:

COMMERCIAL AGRICULTURE REGULATORY PROGRAM

SAN DIEGO REGIONAL WATER BOARD

- ALSO REFERRED TO AS THE GENERAL “AG ORDER”
- ALL OWNERS OR OPERATORS OF COMMERCIAL AGRICULTURAL OPERATIONS IN THE SAN DIEGO REGION MUST COMPLY WITH THE GENERAL AG ORDER, INCLUDING GRAPE PRODUCTION
- COMMERCIAL AG IS DEFINED AS “ANY AGRICULTURAL BUSINESS OR TRADE ACTIVITY, INCLUDING FARMS, NURSERIES AND ORCHARDS THAT PRODUCE CROPS OR ORNAMENTAL PLANTS WITH THE INTENT TO MAKE A PROFIT”.
- CURRENT AG ORDERS WERE ADOPTED IN 2016:
 - R9-2016-0004-THIRD PARTY GENERAL ORDER
 - R9-2016-0005-INDIVIDUAL GENERAL ORDER

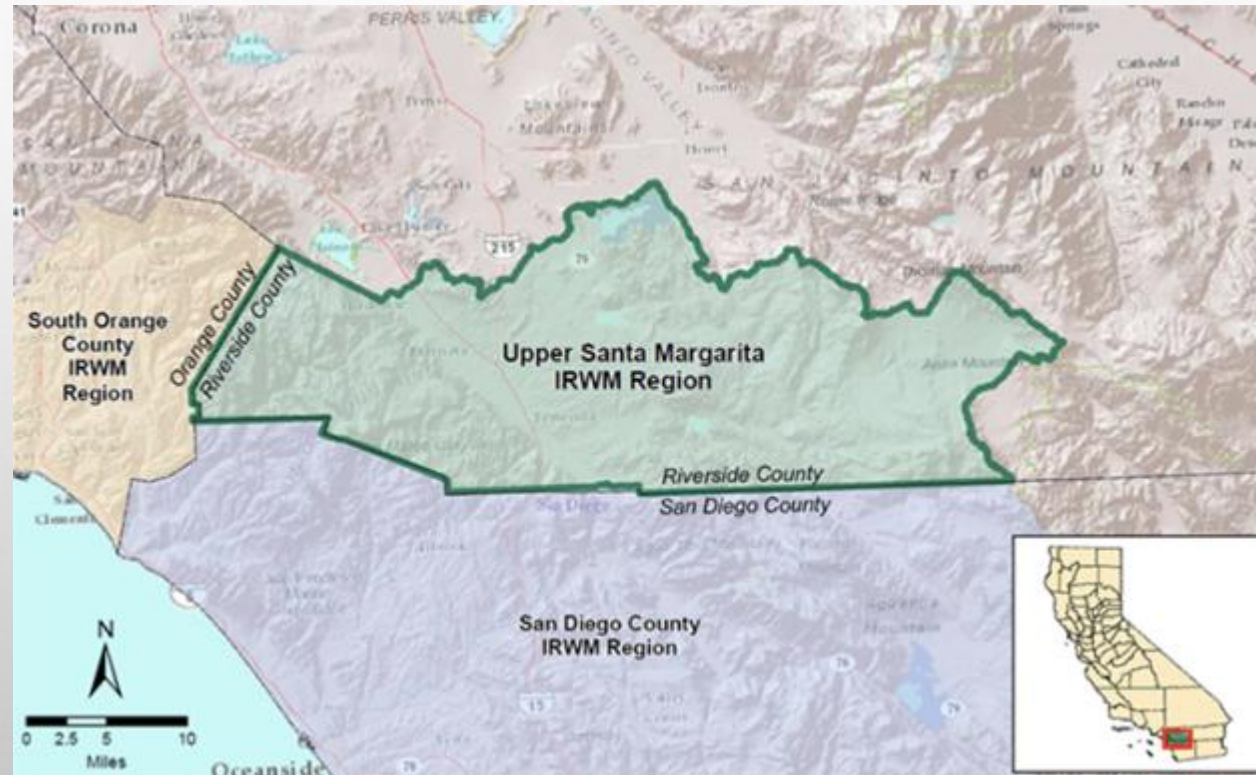
WHAT TO EXPECT FROM THIS PROGRAM:

- MUCH OF THE FOCUS OF THIS PROGRAM IS CURRENTLY ON MONITORING WATER QUALITY
- GROWERS WHO IRRIGATE MUST ENROLL IN THE AG ORDER
- THE TWO VERSIONS OF THE AG ORDER REFER TO WHETHER A GROWER OR OWNER PARTICIPATES IN THE AG ORDER AS AN INDIVIDUAL OR AS PART OF A GROUP
 - A. PARTICIPATION IN A MONITORING GROUP (LIKE THE SAN DIEGO REGION IRRIGATED LANDS GROUP): ALLOWS GROWERS TO SIGN UP FOR THE GROUP, AND THE GROUP TAKES CARE OF MOST OF THE REQUIREMENTS FOR GROWERS
 - B. PARTICIPATION AS AN INDIVIDUAL: INDIVIDUAL MUST ENROLL, MONITOR WATER QUALITY AS PER THE REGIONAL BOARD'S REQUIREMENTS, DO ALL REPORTING AND FIND EDUCATIONAL OPPORTUNITIES TO MEET THE 2 HOURS OF EDUCATION REQUIRED

WHAT EXACTLY DOES AN IRRIGATED LANDS GROUP DO?


- ENROLLS MEMBERS IN THE AG ORDER AS PART OF YOUR MEMBERSHIP IN THE GROUP
- PROVIDES EDUCATIONAL OPPORTUNITIES FOR MEMBERS (TODAY'S MEETING=1 HR)
- ORGANIZES AND PAYS FOR WATER QUALITY MONITORING, THE MOST EXPENSIVE PART OF THE PROGRAM
- ASSISTS IN PREPARATION OF DOCUMENTS AND REPORTS FOR THOSE WHO NEED HELP
- MONITORS GROUNDWATER WELLS FOR MEMBERS
- DOES ALL THE "HEAVY LIFTING" FOR THE PROGRAM FOR THE MEMBERS

IRRIGATED LANDS GROUPS IN THE SAN DIEGO AREA





GROWER REQUIREMENTS UNDER THE AG ORDER:

- FILL OUT AN INITIAL NOTICE OF INTENT (NOI) WHICH IS THE BASIS OF ALL YOUR FUTURE REPORTING-PROVIDED WHEN YOU JOIN THE IRRIGATED LANDS GROUP
 - INCLUDES DETAILS OF THE FARMING OPERATION
 - INCLUDES A WATER QUALITY PROTECTION PLAN
 - COMPLETE SIMPLE ANNUAL AND QUARTERLY SELF-INSPECTION REPORTS PROVIDED BY THE IRRIGATED LANDS GROUP
 - COMPLETE AT LEAST 2 HOURS OF CONTINUING EDUCATION PER YEAR; THIS WILL BE PROVIDED BY THE IRRIGATED LANDS GROUP
 - PAY YOUR INITIAL AND ANNUAL FEES
- 

FEES FOR ENROLLING IN THE AG ORDER AND MONITORING GROUP:

- IT IS MUCH MORE DIFFICULT AND LIKELY MUCH MORE EXPENSIVE TO ENROLL IN THE AG ORDER AS AN INDIVIDUAL (IT IS RARELY DONE)
- IF YOU ENROLL IN MONITORING GROUP:
 1. ONE TIME ENROLLMENT FEE THAT GOES TO THE REGIONAL BOARD
 2. ONE TIME ACREAGE FEE PAID TO THE IRRIGATED LANDS GROUP
 3. ANNUAL ACREAGE FEES PAID TO THE IRRIGATED LANDS GROUP
 4. ANNUAL ACREAGE FEES PAID TO THE STATE
 5. AN ADMINISTRATIVE FEE PAID TO THE IRRIGATED LANDS GROUP
- IN SAN DIEGO, YOU HAVE THE CHOICE OF ENROLLING IN THE SAN DIEGO REGION IRRIGATED LANDS GROUP OR THE UPPER SANTA MARAGARITA IRRIGATED LANDS GROUP.
 - BOTH REQUIRE FARM BUREAU MEMBERSHIP

WHAT IF YOU DO NOT CONTINUE TO BE A MEMBER OF THE IRRIGATED LANDS GROUP?

- YOU WILL BE DROPPED FROM ENROLLMENT IN THE AG ORDER (IT IS REQUIRED THAT YOU ENROLL IN THE AG ORDER) AND WILL NEED TO JOIN AS AN INDIVIDUAL OR RE-ENROLL IN THE IRRIGATED LANDS GROUP AND PAY THE FEES AGAIN
- YOU WILL BE CONSIDERED OUT OF COMPLIANCE AND WILL LIKELY HEAR FROM THE REGIONAL BOARD STAFF

DOES THE REGIONAL BOARD STAFF CONDUCT INSPECTIONS ALSO?

- YES, THE REGIONAL BOARD ALSO DOES INSPECTIONS. THEY ARE FOCUSING ON MANY OF THE SAME THINGS THE COUNTY AGRICULTURE WATER QUALITY PROGRAM IS LOOKING AT WHEN THEY INSPECT: RUNOFF, EROSION, WATER FLOWING INTO STREAMS AND OTHER WATER BODIES ETC. BUT THERE IS A GREATER FOCUS ON GROUNDWATER PROTECTION FROM THE REGIONAL BOARD PROGRAM.
- REGIONAL BOARD STAFF AND AGRICULTURAL WATER QUALITY PROGRAM STAFF SOMETIMES CONDUCT JOINT INSPECTIONS DUE TO THE FACT THAT THEY MAY BE LOOKING AT THE SAME ISSUES AND POTENTIAL REMEDIES.

IF YOU NEED TO IMPROVE YOUR MANAGEMENT PRACTICES, WHERE CAN YOU GET HELP?

- THE UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION PROVIDES ASSISTANCE TO GROWERS TO IMPROVE GROWING PRACTICES TO MEET THE WATER QUALITY REQUIREMENTS
- THE RESOURCE CONSERVATION DISTRICTS IN OUR AREA ALSO PROVIDE ASSISTANCE WITH MANAGEMENT PRACTICE INSTALLATION
- KEEPING GOOD RECORDS, TAKING PHOTOS OF YOUR MANAGEMENT PRACTICE INSTALLATION AND TIMELY INSTALLATION OF FIXES FOR ISSUES THAT WERE NOTED DURING INSPECTIONS ARE IMPORTANT.

RESOURCES:

- SAN DIEGO COUNTY AGRICULTURE WATER QUALITY PROGRAM
HTTPS://WWW.SANDIEGOCOUNTY.GOV/CONTENT/SDC/AWM/AG_WATER.HTML
- AWM AGRICULTURE WATER QUALITY SELF-REVIEW DOCUMENT:
HTTPS://WEB.ARCHIVE.ORG/WEB/20220119021338/HTTPS://WWW.SANDIEGOCOUNTY.GOV/CONTENT/DAM/SDC/COMMON_COMPONENTS/IMAGES/AWM/DOCS/AWQ_STORMWATER_ANNUAL_REVIEW_GUIDELINES_AND_FORM_HW_UPDATE.PDF
- SAN DIEGO REGIONAL WATER BOARD COMMERCIAL AGRICULTURE REGULATORY PROGRAM
HTTPS://WWW.WATERBOARDS.CA.GOV/SANDIEGO/WATER_ISSUES/PROGRAMS/COMMERCIAL_AGRICULTURE/
- SAN DIEGO REGION IRRIGATED LANDS GROUP:
<HTTPS://WWW.SDIRRIGATEDLANDSGROUP.ORG>